

Oswaldo Luiz Alves

List of Publications by Year in descending order

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239
papers

8,999
citations

71004

43
h-index

56606

87
g-index

240
all docs

240
docs citations

240
times ranked

14146
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-exposure of carbon nanotubes with carbofuran pesticide affects metabolic rate in <i>Palaemon pandaliformis</i> (shrimp). <i>Chemosphere</i> , 2022, 288, 132359.	4.2	8
2	Functionalization of carbon nanotubes with bovine plasma biowaste by forming a protein corona enhances copper removal from water and ecotoxicity mitigation. <i>Environmental Science: Nano</i> , 2022, 9, 2887-2905.	2.2	5
3	Cytotoxic and genotoxic effects in human gingival fibroblast and ions release of endodontic sealers incorporated with nanostructured silver vanadate. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1380-1388.	1.6	10
4	Comparison of oral microbiome profile of polymers modified with silver and vanadium base nanomaterial by next-generation sequencing. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 605-614.	0.9	3
5	Graphene oxide-silver nanoparticle hybrid material: an integrated nanosafety study in zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111776.	2.9	36
6	Recent Advances in Immunosafety and Nanoinformatics of Two-Dimensional Materials Applied to Nano-imaging. <i>Frontiers in Immunology</i> , 2021, 12, 689519.	2.2	5
7	Metabolic effects in the freshwater fish <i>Geophagus iporangensis</i> in response to single and combined exposure to graphene oxide and trace elements. <i>Chemosphere</i> , 2020, 243, 125316.	4.2	32
8	Soft Liner with antimicrobial activity. <i>Clinical and Laboratorial Research in Dentistry</i> , 2020, , .	0.1	0
9	Lipid-core nanocapsules containing simvastatin improve the cognitive impairment induced by obesity and hypercholesterolemia in adult rats. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 151, 105397.	1.9	11
10	Understanding the driving forces of camptothecin interactions on the surface of nanocomposites based on graphene oxide decorated with silica nanoparticles. <i>Nanoscale Advances</i> , 2020, 2, 1290-1300.	2.2	10
11	Effect of nanomaterial incorporation on the mechanical and microbiological properties of dental porcelain. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 529.e1-529.e5.	1.1	17
12	Influence of AgVO ₃ incorporation on antimicrobial properties, hardness, roughness and adhesion of a soft denture liner. <i>Scientific Reports</i> , 2019, 9, 11889.	1.6	30
13	Development of an Impression Material with Antimicrobial Properties for Dental Application. <i>Journal of Prosthodontics</i> , 2019, 28, 906-912.	1.7	9
14	Endodontic Sealers Modified with Silver Vanadate: Antibacterial, Compositional, and Setting Time Evaluation. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	14
15	Co-exposure of graphene oxide with trace elements: Effects on acute ecotoxicity and routine metabolism in <i>Palaemon pandaliformis</i> (shrimp). <i>Chemosphere</i> , 2019, 223, 157-164.	4.2	37
16	<i>In vitro</i> immunotoxicological assessment of a potent microbicidal nanocomposite based on graphene oxide and silver nanoparticles. <i>Nanotoxicology</i> , 2019, 13, 189-203.	1.6	9
17	Effect of the LLTO nanoparticles on the conducting properties of PEO-based solid electrolyte. <i>Solid State Sciences</i> , 2019, 88, 41-47.	1.5	22
18	Biological effects of oxidized carbon nanomaterials (1D versus 2D) on <i>Spodoptera frugiperda</i> : Material dimensionality influences on the insect development, performance and nutritional physiology. <i>Chemosphere</i> , 2019, 215, 766-774.	4.2	18

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19	Effects of multiwalled carbon nanotubes and carbofuran on metabolism in <i>Astyanax ribeirae</i> , a native species. <i>Fish Physiology and Biochemistry</i> , 2019, 45, 417-426.	0.9	22
20	Covalent functionalization of graphene oxide with α -mannose: evaluating the hemolytic effect and protein corona formation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2803-2812.	2.9	54
21	Folic-Acid-Functionalized Graphene Oxide Nanocarrier: Synthetic Approaches, Characterization, Drug Delivery Study, and Antitumor Screening. <i>ACS Applied Nano Materials</i> , 2018, 1, 922-932.	2.4	80
22	Nanocomposites based on graphene oxide and mesoporous silica nanoparticles: Preparation, characterization and nanobiointeractions with red blood cells and human plasma proteins. <i>Applied Surface Science</i> , 2018, 437, 110-121.	3.1	28
23	Nano Silver Vanadate AgVO_3 : Synthesis, New Functionalities and Applications. <i>Chemical Record</i> , 2018, 18, 973-985.	2.9	27
24	Microwave-assisted synthesis of palladium nanoparticles intercalated nitrogen doped reduced graphene oxide and their electrocatalytic activity for direct-ethanol fuel cells. <i>Journal of Colloid and Interface Science</i> , 2018, 515, 160-171.	5.0	91
25	Pressure-induced phase transition and fracture in \pm - MoO_3 nanoribbons. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 47-53.	2.0	12
26	Template conversion of MoO_3 to MoS_2 nanoribbons: synthesis and electrochemical properties. <i>RSC Advances</i> , 2018, 8, 30346-30353.	1.7	13
27	Structural defects in LiMn_2O_4 induced by gamma radiation and its influence on the Jahn-Teller effect. <i>Solid State Ionics</i> , 2018, 324, 77-86.	1.3	19
28	Analysis of the oral microbiome on the surface of modified dental polymers. <i>Archives of Oral Biology</i> , 2018, 93, 107-114.	0.8	26
29	Antimicrobial textiles: Biogenic silver nanoparticles against <i>Candida</i> and <i>Xanthomonas</i> . <i>Materials Science and Engineering C</i> , 2017, 75, 582-589.	3.8	119
30	Elemental ion release and cytotoxicity of antimicrobial acrylic resins incorporated with nanomaterial. <i>Gerodontology</i> , 2017, 34, 320-325.	0.8	21
31	Cellulose acetate membrane embedded with graphene oxide-silver nanocomposites and its ability to suppress microbial proliferation. <i>Cellulose</i> , 2017, 24, 781-796.	2.4	32
32	Coating carbon nanotubes with humic acid using an eco-friendly mechanochemical method: Application for Cu(II) ions removal from water and aquatic ecotoxicity. <i>Science of the Total Environment</i> , 2017, 607-608, 1479-1486.	3.9	27
33	Meet Our Regional Editor: Recent Patents on Nanotechnology, 2016, 10, 167-167.	0.7	0
34	Histopathological Effects on Gills of Nile Tilapia (<i>Oreochromis niloticus</i> , Linnaeus, 1758) Exposed to Pb and Carbon Nanotubes. <i>Microscopy and Microanalysis</i> , 2016, 22, 1162-1169.	0.2	36
35	Influence of purified multiwalled carbon nanotubes on the mechanical and morphological behavior in poly (L-lactic acid) matrix. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 59, 547-560.	1.5	8
36	Alternative mannosylation method for nanomaterials: application to oxidized debris-free multiwalled carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	10

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37	How does the chain length of PEG functionalized at the outer surface of mesoporous silica nanoparticles alter the uptake of molecules?. <i>New Journal of Chemistry</i> , 2016, 40, 8060-8067.	1.4	10
38	Histopathological alterations in the gills of Nile tilapia exposed to carbofuran and multiwalled carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 481-488.	2.9	36
39	Evaluation of antibiofilm and mechanical properties of new nanocomposites based on acrylic resins and silver vanadate nanoparticles. <i>Archives of Oral Biology</i> , 2016, 67, 46-53.	0.8	75
40	Comparative in vitro toxicity of a graphene oxide-silver nanocomposite and the pristine counterparts toward macrophages. <i>Journal of Nanobiotechnology</i> , 2016, 14, 12.	4.2	51
41	In vitro study of the antibacterial properties and impact strength of dental acrylic resins modified with a nanomaterial. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 238-246.	1.1	55
42	Zeta potential measurement on lithium lanthanum titanate nanoceramics. <i>Particology</i> , 2016, 24, 69-72.	2.0	5
43	Interlab study on nanotoxicology of representative graphene oxide. <i>Journal of Physics: Conference Series</i> , 2015, 617, 012019.	0.3	7
44	Monitoring the Hemolytic Effect of Mesoporous Silica Nanoparticles after Human Blood Protein Corona Formation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4595-4602.	1.0	38
45	In Vivo Evaluation of Complex Biogenic Silver Nanoparticle and Enoxaparin in Wound Healing. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	26
46	Graphene oxide-silver nanocomposite as a promising biocidal agent against methicillin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Nanomedicine</i> , 2015, 10, 6847.	3.3	111
47	CHARACTERIZATION AND IN VITRO EVALUATION OF POLY (L-LACTIC ACID) AND PURIFIED MULTIWALLED CARBON NANOTUBES NANOCOMPOSITES. <i>Quimica Nova</i> , 2015, , .	0.3	0
48	Lipopolysaccharide influences on the toxicity of oxidised multiwalled carbon nanotubes to murine splenocytes in vitro. <i>Journal of Experimental Nanoscience</i> , 2015, 10, 729-737.	1.3	1
49	Fabrication of transparent and ultraviolet shielding composite films based on graphene oxide and cellulose acetate. <i>Carbohydrate Polymers</i> , 2015, 123, 217-227.	5.1	123
50	Inhibition of bacterial adhesion on cellulose acetate membranes containing silver nanoparticles. <i>Cellulose</i> , 2015, 22, 3895-3906.	2.4	35
51	Ecotoxicological effects of carbofuran and oxidised multiwalled carbon nanotubes on the freshwater fish Nile tilapia: Nanotubes enhance pesticide ecotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2015, 111, 131-137.	2.9	63
52	Graphene Oxide: A Carrier for Pharmaceuticals and a Scaffold for Cell Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 309-327.	1.0	45
53	Development of a novel resin with antimicrobial properties for dental application. <i>Journal of Applied Oral Science</i> , 2014, 22, 442-449.	0.7	33
54	Carbon Nanotubes: From Synthesis to Genotoxicity. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 125-152.	0.1	3

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55	Electrolyte-Insulator-Semiconductor Structure for Pb ⁺ Detecting. <i>Procedia Engineering</i> , 2014, 87, 188-191.	1.2	1
56	Toxicity of Nanomaterials to Microorganisms: Mechanisms, Methods, and New Perspectives. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 363-405.	0.1	7
57	Anti-adhesion and antibacterial activity of silver nanoparticles supported on graphene oxide sheets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 115-124.	2.5	342
58	Eco-friendly decoration of graphene oxide with biogenic silver nanoparticles: antibacterial and antibiofilm activity. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	75
59	Raman spectroscopy for probing covalent functionalization of single-wall carbon nanotubes bundles with gold nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	5
60	Nanomaterials. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 1-29.	0.1	2
61	Assessing the Erythrocyte Toxicity of Nanomaterials: From Current Methods to Biomolecular Surface Chemistry Interactions. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 347-361.	0.1	3
62	Noncovalent Interaction with Graphene Oxide: The Crucial Role of Oxidative Debris. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2187-2193.	1.5	52
63	Nanotoxicity of Graphene and Graphene Oxide. <i>Chemical Research in Toxicology</i> , 2014, 27, 159-168.	1.7	729
64	A new strategy toward enhancing the phosphate doping in Li _x Mn ₂ O ₄ cathode materials. <i>Ceramics International</i> , 2014, 40, 12413-12422.	2.3	9
65	Topography-driven bionano-interactions on colloidal silica nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3437-3447.	4.0	27
66	Exploring the use of biosurfactants from <i>Bacillus subtilis</i> in bionanotechnology: A potential dispersing agent for carbon nanotube ecotoxicological studies. <i>Process Biochemistry</i> , 2014, 49, 1162-1168.	1.8	17
67	Influence of citrate/nitrate ratio on the preparation of Li _{0.5} La _{0.5} TiO ₃ nanopowder by combustion method. <i>Ceramics International</i> , 2014, 40, 249-256.	2.3	14
68	Improvement of Electrical and Thermal Contacts Between Carbon Nanotubes and Metallic Electrodes by Laser Annealing. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2014, 9, 374-380.	0.1	4
69	Influence of Protein Corona on the Transport of Molecules into Cells by Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8387-8393.	4.0	57
70	Carbon nanotubes enhanced the lead toxicity on the freshwater fish. <i>Journal of Physics: Conference Series</i> , 2013, 429, 012043.	0.3	22
71	Temperature effects on the nitric acid oxidation of industrial grade multiwalled carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	36
72	The role of silver and vanadium release in the toxicity of silver vanadate nanowires toward <i>Daphnia similis</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 908-912.	2.2	37

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73	Biogenic antimicrobial silver nanoparticles produced by fungi. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 775-782.	1.7	91
74	Inflammatory and Hyperalgesic Effects of Oxidized Multi-Walled Carbon Nanotubes in Rats. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 5276-5282.	0.9	3
75	New Hybrid Material Based on Layered Double Hydroxides and Biogenic Silver Nanoparticles: Antimicrobial Activity and Cytotoxic Effect. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 266-272.	0.6	29
76	Interação de nanomateriais com biosistemas e a nanotoxicologia: na direção de uma regulamentação. <i>Ciência E Cultura</i> , 2013, 65, 32-36.	0.5	5
77	Nanotecnologias: elas já estão entre nós. <i>Ciência E Cultura</i> , 2013, 65, 22-23.	0.5	2
78	Nanocomposite polycaprolactone/Carbon Nanotube processed by electrospinning applying of AC. , 2013, , 217-219.		0
79	Unveiling the Role of Oxidation Debris on the Surface Chemistry of Graphene through the Anchoring of Ag Nanoparticles. <i>Chemistry of Materials</i> , 2012, 24, 4080-4087.	3.2	84
80	Photo-induced electron transfer in supramolecular materials of titania nanostructures and cytochrome c. <i>RSC Advances</i> , 2012, 2, 7417.	1.7	11
81	Nanostructured silver vanadate as a promising antibacterial additive to water-based paints. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 935-940.	1.7	129
82	Towards long-term colloidal stability of silica-based nanocarriers for hydrophobic molecules: beyond the Stober method. <i>Chemical Communications</i> , 2012, 48, 591-593.	2.2	39
83	Suppression of the hemolytic effect of mesoporous silica nanoparticles after protein corona interaction: independence of the surface microchemical environment. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1807-1814.	0.6	55
84	Temperature-dependent Raman spectroscopy study in MoO ₃ nanoribbons. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1407-1412.	1.2	33
85	Alkali metal intercalated titanate nanotubes: A vibrational spectroscopy study. <i>Vibrational Spectroscopy</i> , 2011, 55, 183-187.	1.2	95
86	Production and structural characterization of surfactin (C14/Leu7) produced by <i>Bacillus subtilis</i> isolate LSFM-05 grown on raw glycerol from the biodiesel industry. <i>Process Biochemistry</i> , 2011, 46, 1951-1957.	1.8	152
87	Macroporous glass monoliths prepared from powdered niobium phosphate glass by fast sintering. <i>Materials Characterization</i> , 2011, 62, 263-267.	1.9	1
88	Highlighting the mechanisms of the titanate nanotubes to titanate nanoribbons transformation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 3259-3265.	0.8	17
89	Purification and structural characterization of fengycin homologues produced by <i>Bacillus subtilis</i> LSFM-05 grown on raw glycerol. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 863-871.	1.4	39
90	Surface Chemistry in the Process of Coating Mesoporous SiO ₂ onto Carbon Nanotubes Driven by the Formation of Si-O-C Bonds. <i>Chemistry - A European Journal</i> , 2011, 17, 3228-3237.	1.7	50

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91	Optical and physical properties of Er ³⁺ -doped oxy-fluoride tellurite glasses. <i>Optical Materials</i> , 2011, 33, 389-396.	1.7	41
92	Structural and proactive safety aspects of oxidation debris from multiwalled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2011, 189, 391-396.	6.5	57
93	Understanding the interaction of multi-walled carbon nanotubes with mutagenic organic pollutants using computational modeling and biological experiments. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 437-446.	5.8	23
94	Potential use of silver nanoparticles on pathogenic bacteria, their toxicity and possible mechanisms of action. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 949-959.	0.6	366
95	Ecosystem protection by effluent bioremediation: silver nanoparticles impregnation in a textile fabrics process. <i>Journal of Nanoparticle Research</i> , 2010, 12, 285-292.	0.8	38
96	Recycling dodecylamine intercalated vanadate nanotubes. <i>Journal of Nanoparticle Research</i> , 2010, 12, 367-372.	0.8	7
97	Nanostructures of sodium titanate/zirconium oxide. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2355-2361.	0.8	2
98	Porous shell/dense core structures prepared in tungsten phosphate glass through template-free route. <i>Materials Chemistry and Physics</i> , 2010, 122, 230-236.	2.0	2
99	Preparation and characterization of powders and thin films of Bi ₂ AlNbO ₇ and Bi ₂ InNbO ₇ pyrochlore oxides. <i>Materials Chemistry and Physics</i> , 2010, 124, 552-557.	2.0	11
100	Fabrication of Photonic Optical Fibers from Soft Glasses. <i>Journal of the American Ceramic Society</i> , 2010, 93, 456-460.	1.9	6
101	Interaction of sodium titanate nanotubes with organic acids and base: chemical, structural and morphological stabilities. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1341-1348.	0.6	20
102	Development of nanostructured silver vanadates decorated with silver nanoparticles as a novel antibacterial agent. <i>Nanotechnology</i> , 2010, 21, 185102.	1.3	93
103	Effect of TiO ₂ nanoparticles on the thermal properties of decorated multiwall carbon nanotubes: A Raman investigation. <i>Journal of Applied Physics</i> , 2010, 108, 083501.	1.1	9
104	Editorial: new knowledge, new products and new processes. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 948-948.	0.6	0
105	Estudo por espectroscopia micro-Raman dos mecanismos de separação de fase em vidros fosfatos de metais de transição. <i>Quimica Nova</i> , 2009, 32, 1956-1960.	0.3	2
106	Structural, morphological and vibrational properties of titanate nanotubes and nanoribbons. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 167-175.	0.6	58
107	Non-covalent interaction of benzonitrile with single-walled carbon nanotubes. <i>Journal of Nanoparticle Research</i> , 2009, 11, 2163-2170.	0.8	5
108	Factorial design preparation of transparent conducting oxide thin films. <i>Thin Solid Films</i> , 2009, 517, 2886-2891.	0.8	7

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109	Enhancement of the photoelectrochemical response of poly(terthiophenes) by CdS(ZnS) core-shell nanoparticles. <i>Thin Solid Films</i> , 2009, 517, 5523-5529.	0.8	19
110	Preparation and characterization of Cd ₂ Nb ₂ O ₇ thin films on Si substrates. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 234-237.	1.9	5
111	Decorating Titanate Nanotubes with CeO ₂ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20234-20239.	1.5	56
112	Fe_2O_3 nanoparticles dispersed in porous Vycor glass: A magnetically diluted integrated system. <i>Journal of Applied Physics</i> , 2009, 105, .	1.1	18
113	Structural and thermal properties of polypropylene mesh used in treatment of stress urinary incontinence. <i>Acta of Bioengineering and Biomechanics</i> , 2009, 11, 27-33.	0.2	11
114	Slow Magnetic Relaxation in Co ^{II} /Cu ^{II} Coordination Oligomer Built into Mesoporous Material. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3802-3808.	1.0	17
115	Simple silanization routes of CdSe and CdTe nanocrystals for biological applications. , 2008, , .		0
116	Vibrational and thermal properties of crystalline topiramate. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1607-1613.	0.6	10
117	Thermal properties of metal-metal bonded Pd(I) complexes supported onto porous Vycor glass. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 263-269.	0.3	0
118	Antibacterial Effect of Silver Nanoparticles Produced by Fungal Process on Textile Fabrics and Their Effluent Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2007, 3, 203-208.	0.5	798
119	Use of CsCl to enhance the glass stability range of tellurite glasses for Er ³⁺ -doped optical fiber drawing. , 2007, , .		0
120	Ecomateriais: desenvolvimento e aplica~o de materiais porosos funcionais para prote~o ambiental. <i>Quimica Nova</i> , 2007, 30, 464-467.	0.3	15
121	Structural and vibrational properties of nanocrystals. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 622-627.	1.9	39
122	Structure, Thermal Behavior, Chemical Durability, and Optical Properties of the Na ₂ O/Al ₂ O ₃ ?TiO ₂ ?Nb ₂ O ₅ ?P ₂ O ₅ Glass System. <i>Journal of the American Ceramic Society</i> , 2007, 90, 256-263.	1.9	42
123	Use of CsCl to Enhance the Glass Stability Range of Tellurite Glasses for Er ³⁺ -Doped Optical Fiber Drawing. <i>Journal of the American Ceramic Society</i> , 2007, 90, 1822-1826.	1.9	4
124	Probing the thermal decomposition process of layered double hydroxides through in situ ⁵⁷ Fe M~ssbauer and in situ X-ray diffraction experiments. <i>Journal of Materials Science</i> , 2007, 42, 534-538.	1.7	6
125	Optical Sensor for Sulfur Dioxide Determination in Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8697-8701.	2.4	34
126	One-Dimensional Nanostructures from Layered Manganese Oxide. <i>Crystal Growth and Design</i> , 2006, 6, 601-606.	1.4	30

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127	Evaluation of boron removal from water by hydrotalcite-like compounds. <i>Chemosphere</i> , 2006, 62, 80-88.	4.2	158
128	Different carbon nanostructured materials obtained in catalytic chemical vapor deposition. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1124-1132.	0.6	13
129	Vibrational spectra of β -Ge(HPO ₄) ₂ ·H ₂ O compound. <i>Vibrational Spectroscopy</i> , 2006, 40, 209-212.	1.2	9
130	Spectroscopic and Thermal Properties of Ga ₂ S ₃ -Na ₂ S-CsCl Glasses. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1037-1041.	1.9	4
131	Microstructural Modifications in Macroporous Oxides Prepared Via Latex Templating: Synthesis and Thermal Stability of Porous Microstructure. <i>Journal of the American Ceramic Society</i> , 2006, 89, 060427083300007-???	1.9	2
132	Integrated chemical systems built using nanoporous glass/ceramics as substrates. <i>Thin Solid Films</i> , 2006, 495, 64-67.	0.8	7
133	Size-controllable synthesis of nanosized-TiO ₂ anatase using porous Vycor glass as template. <i>Journal of Nanoparticle Research</i> , 2006, 8, 141-148.	0.8	25
134	Semiconductor/porous silica glass nanocomposites via the single-source precursor approach. <i>Materials Research Bulletin</i> , 2006, 41, 376-386.	2.7	20
135	Unveiling the structure and composition of titanium oxide nanotubes through ion exchange chemical reactions and thermal decomposition processes. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 393-402.	0.6	90
136	Cytotoxicity on V79 and HL60 Cell Lines by Thiolated- β -Cyclodextrin-Au/Violacein Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2005, 1, 352-358.	0.5	13
137	Structural and thermal properties of Co-Cu-Fe hydrotalcite-like compounds. <i>Journal of Solid State Chemistry</i> , 2005, 178, 142-152.	1.4	51
138	Characterization of nanosized TiO ₂ synthesized inside a porous glass-ceramic monolith by metallo-organic decomposition process. <i>Journal of Physics and Chemistry of Solids</i> , 2005, 66, 37-46.	1.9	12
139	An organopalladium-PVC membrane for sulphur dioxide optical sensing. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 47-52.	4.0	21
140	Fibrous Cerium (IV) Acid Phosphates Host of Weak and Strong Lewis Bases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 51, 211-217.	1.6	5
141	Mechanistic aspects of biosynthesis of silver nanoparticles by several <i>Fusarium oxysporum</i> strains. <i>Journal of Nanobiotechnology</i> , 2005, 3, 8.	4.2	813
142	[NO TITLE AVAILABLE]. <i>Anais Da Academia Brasileira De Ciencias</i> , 2005, 77, 25-31.	0.3	62
143	Síntese e caracterização de alfa-fosfato de zircônio(IV) contendo agregados de cobre metálico. <i>Química Nova</i> , 2005, 28, 46-49.	0.3	3
144	Electronic properties of FeCl ₃ -adsorbed single-wall carbon nanotubes. <i>Physical Review B</i> , 2005, 72, .	1.1	11

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145	Properties of [Pd ₂ X ₂ (dppm) ₂] (X = Cl, SnCl ₃ , dppm = Bis(diphenylphosphino)methane) complexes on porous vycor glass. Journal of the Brazilian Chemical Society, 2004, 15, 640.	0.6	3
146	Fabrication of a new porous glass-ceramic monolith using vanadium(III) calcium phosphate glass as precursor. Journal of the Brazilian Chemical Society, 2004, 15, 464-467.	0.6	10
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